



INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket No.: 41482-205543	Application No. 09/980,329
	Applicant: Winder et al.	
	Filing Date: March 5, 2002	Group Art Unit 3737

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
111	32,782	11/15/88	Pratt, Jr.		
	34,959	05/30/95	Potts		
	3,134,451	05/26/64	Hanssen		
	3,193,034	07/06/65	Hutchinson, et al.		
	3,310,049	03/21/67	Clynes		
	3,433,663	03/18/69	Underwood		
	3,499,437	03/10/70	Balamuth		
	3,550,586	12/29/70	Balamuth		
	3,594,993	07/27/71	Heyse		
	3,701,352	10/31/72	Bosworth		
	3,760,799	09/25/73	Crowson		
	3,767,195	10/23/73	Dimick		
	3,828,769	08/13/74	Mettler		
	3,855,638	12/24/74	Pilliar		
	3,961,380	06/08/76	Garr		
	3,986,212	10/19/76	Sauer		
	4,105,017	08/08/78	Ryaby et al.		
	4,127,125	11/28/78	Takemoto et al.		
	4,164,794	08/21/79	Spector, et al.		
	4,170,045	10/09/79	Estes		
	4,176,664	12/04/79	Talish		
	4,206,516	06/10/80	Pilliar		
	4,216,766	08/12/80	Duykers, et al.		
	4,227,111	10/07/80	Cross, et al.		
	4,233,477	11/11/80	Rice, et al.		
	4,269,797	05/26/81	Mikiya, et al.		
	4,296,753	10/27/81	Goudin		
	4,312,536	01/26/82	Lloyd		
	4,315,503	12/16/82	Ryaby et al.		
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	4,361,154	11/30/82	Pratt, Jr.		
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	4,383,533	05/17/83	Bhagat et al.		
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	4,440,025	04/03/84	Hayakawa, et al.		
114	4,441,486	04/10/84	Pounds		

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<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
RU	4,446,586	05/08/84	Reed et al.		
	4,452,326	06/05/84	Hanssen, et al.		
	4,476,874	10/16/84	Taenzler et al.		
	4,511,921	04/16/85	Harlan et al.		
	4,530,360	07/23/85	Duarte		
	4,536,894	08/27/85	Galante, et al.		
	4,542,539	09/24/85	Rowe, Jr., et al.		
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	4,550,714	11/85	Talish		
	4,556,066	12/03/85	Semrow		
	4,570,640	02/18/86	Barsa		
	4,573,996	03/04/86	Kwiatek, et al.		
	4,594,662	06/10/86	Devaney		
	4,612,160	09/16/86	Donlevy, et al.		
	4,627,429	12/09/86	Tsuk		
	4,630,323	12/23/86	Sage et al.		
	4,644,942	02/24/87	Sump		
	4,677,438	06/30/87	Michiguchi et al		
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	4,708,127	11/24/87	Abdelghani		
	4,710,655	12/01/87	Masaki		
	4,770,184	09/13/88	Greene, Jr. et al.		
	4,726,099	02/23/88	Card		
	4,763,661	08/16/88	Sommer et al.		
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	4,782,822	11/08/88	Ricken		
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	4,802,477	02/07/89	Gabbay		
	4,830,015	05/16/89	Okazaki		
	4,836,316	06/06/89	Carnevale, et al.		
	4,855,911	08/08/89	Lele et al.		
	4,858,599	08/22/89	Halpern		
4,867,169	09/19/89	Machida et al.			
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4,917,092	04/17/90	Todd, et al.			
4,926,870	05/22/90	Brandenburger			
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Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
RM	4,932,951	06/12/90	Liboff et al.		
	4,933,230	06/12/90	Card, et al.		
	4,936,303	06/26/90	Detwiler et al.		
	4,941,474	07/17/90	Pratt, Jr.		
	4,947,853	08/14/90	Hon		
	4,979,501	12/25/90	Valchanov et al.		
	4,982,730	01/08/91	Lewis, Jr.		
	4,986,275	01/22/91	Ishida et al.		
	4,993,413	02/19/91	McLeod et al.		
	4,995,883	02/26/91	Demane, et al.		
	5,000,183	03/19/91	Bonnefous		
	5,000,442	03/19/91	Dalebout, et al.		
	5,003,965	04/02/91	Talish et al.		
	5,004,476	04/02/91	Cook		
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	5,018,285	05/28/91	Zolman, et al.		
	5,046,484	09/10/91	Bassett, et al.		
	5,054,490	10/08/91	Rossmann et al.		
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	5,088,976	02/18/92	Liboff et al.		
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	5,108,452	04/28/92	Fallin		
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	5,140,988	08/25/92	Stouffer et al.		
	5,143,069	09/01/92	Kwon et al.		
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	5,163,598	11/17/92	Peters, et la.		
	5,172,692	12/22/92	Kulow et al.		
	5,178,134	01/12/93	Vago		
	5,181,512	01/26/93	Viebach, et al.		
	5,184,605	02/09/93	Grzeszykowski		
	5,186,162	02/16/93	Talish et al.		
RM	5,191,880	03/09/93	McLeod et al.		
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<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Patent Number	Date	Patentee	Class	Subclass	
M		5,197,475	03/30/93	Antich et al.			
		5,201,766	04/13/93	Georgette			
		5,209,221	05/11/93	Riedlinger			
		5,211,160	05/18/93	Talish et al.			
		5,230,334	07/27/93	Klopotek			
		5,230,345	07/27/93	Curran, et al.			
		5,230,921	07/27/93	Waltonen, et al.			
		5,235,981	08/17/93	Hascoet et al.			
		5,254,123	10/19/93	Bushey			
		5,259,384	11/09/93	Kaufman et al.			
		5,269,306	12/14/93	Warnking, et al.			
		5,273,028	12/28/93	McLeod, et al.			
		5,284,143	02/08/94	Rattner			
		5,285,788	02/15/94	Arenson et al.			
		5,295,931	03/22/94	Dreibelbis, et al.			
		5,301,683	04/12/94	Durkan			
		5,307,284	04/26/94	Brunfeldt et al.			
		5,309,898	05/10/94	Kaufman et al.			
		5,310,408	05/10/94	Schryver, et al.			
		5,314,401	05/24/94	Tepper			
		5,316,000	05/31/94	Chapelon, et al.			
		5,318,561	06/07/94	McLeod et al.			
		5,318,779	06/07/94	Hakamatsuka, et al.			
		5,322,067	06/21/94	Prater et al.			
		5,323,769	06/28/94	Bommannan, et al.			
		5,327,890	07/12/94	Matura et al.			
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		5,334,214	08/02/94	Putnam			
		5,339,804	08/23/94	Kemp			
		5,340,510	08/23/94	Bowen			
		5,351,389	10/04/94	Erickson et al.			
		5,363,850	11/15/94	Soni et al.			
		5,366,465	11/22/94	Mirza			
		5,367,500	11/22/94	Ng			
		5,376,065	12/27/94	McLeod et al.			
		5,380,269	01/10/95	Urso			
		5,386,830	02/07/95	Powers et al.			
		5,393,296	02/28/95	Rattner			
		5,394,878	03/07/95	Frazin et al.			
	5,398,290	03/14/95	Brethour				
Examiner:	Date Considered:			12/03			
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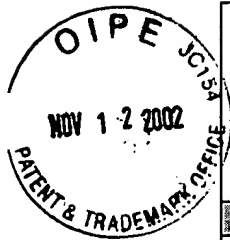


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Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
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	5,405,389	04/11/95	Conta, et al.		
	5,409,446	04/25/95	Rattner		
	5,413,550	05/09/95	Castel		
	5,415,167	05/16/95	Wilk		
	5,417,215	05/23/95	Evans et al.		
	5,424,550	06/13/95	Kawano et al..		
	5,431,612	07/11/95	Holden		
	5,434,827	07/18/95	Bolorforosh		
	5,441,051	08/15/95	Hileman et al		
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	5,448,994	09/12/95	Iinuma		
	5,460,595	10/24/95	Hall, et al.		
	5,466,215	11/14/95	Lair, et al.		
	5,468,220	11/21/95	Sucher		
	5,476,438	12/19/95	Edrich, et al.		
	5,478,306	12/26/95	Stoner		
	5,492,525	02/20/96	Gibney		
	5,495,846	03/05/96	Uehara et al.		
	5,496,256	03/05/96	Bock et al.		
	5,501,657	03/26/96	Feero		
	5,507,800	04/16/96	Strickland		
	5,507,830	04/16/96	DeMane, et al.		
	5,509,933	04/23/96	Davidson, et al.		
	5,520,612	05/28/96	Winder et al.		
	5,524,624	06/11/96	Tepper, et al.		
	5,526,815	06/18/96	Granz, et al.		
	5,541,489	07/30/96	Dunstan		
	5,547,459	08/20/96	Kaufman et al.		
	5,556,372	09/17/96	Talish et al.		
	5,578,060	11/26/96	Pohl et al.		
	5,615,466	04/01/97	Safari, et al.		
	5,626,554	05/06/97	Ryaby, et al.		
	5,626,630	05/06/97	Markowitz et al.		
	5,630,837	05/20/97	Crowley		
	5,648,941	07/15/97	King		
	5,656,016	08/12/97	Ogden		
	5,680,863	10/28/97	Hossack, et al.		
	5,690,608	11/25/97	Watanabe, et al.		
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ly	5,699,803	12/23/97	Carodiskey		
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Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
MM	5,702,353	12/30/97	Guzzini, et al.		
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	5,706,818	01/13/98	Gondo		
	5,708,236	01/13/98	Shaanan, et al.		
	5,721,400	02/24/98	Haraldsson, et al.		
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	5,743,862	04/28/98	Izumi		
	5,755,746	05/26/98	Lifshey, et al.		
	5,762,616	06/09/98	Talish		
	5,779,600	07/14/98	Pape		
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	5,886,302	03/23/99	Germanton, et al.		
	5,891,143	04/06/99	Taylor et al.		
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	5,957,814	09/28/99	Eschenbach		
	5,971,984	10/26/99	Taylor et al.		
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	6,068,596	05/30/00	Weth, et al.		
	6,080,088	06/27/00	Petersen, et al.		
	6,086,078	07/11/00	Ferez		
	6,093,135	07/25/00	Huang		
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	6,273,864	08/14/01	Duarte		
MM	6,360,027	03/19/02	Hossack et al.		
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Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation
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	WO 00/76404	12/21/00	PCT			

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\*For English version see related Australian Application No. 19950292

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## OTHER MATERIAL

Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
	ABSTRACT, (Proceedings of the 11 <sup>th</sup> Int'l. Conference on Medical and Biological Engineering) "ULTRASONIC STIMULATION OF FRACTURE HEALING", 1976.
	ABSTRACT, (Proceedings of the III Congress on Biomedical Engineering) "ULTRASONIC ACTION ON CALLUS FORMATION IN BONES", 1975.
	ABSTRACT, (Proceedings of the IV Brazilain Congress on Biomedical Engineering) "ULTRASOUND IN THE TREATMENT OF FRACTURES", 1977.
	ASTM Designation: D790M-93 Metric, "Standard Test Methods for flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials [Metric]", pp. 176-184, (Dec. 1993).
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	Arai et al., "THE EFFECT OF ULTRASOUND STIMULATION ON DISUSE OSTEOPOROSIS", BRAGS 17, 1993.
	Berridge, M.J., "Inositol Trisphosphate and Calcium Signaling", <i>Nature</i> (1993), 361: 315-325.
	Clarke, P.R. et al., "Physical and Chemical Aspects of Ultrasonic Disruption of Cells", <i>JASA</i> (1969), 47(2): 649-653.
	Duarte, L.R., "The Stimulation of Bone Growth by Ultrasound", <i>Arch. Orthop. Trauma Surg</i> (1983), 101: 153-159.
	Dyson, M., "Therapeutic Applications of Ultrasound", <i>Biological Effects of Ultrasound</i> (1985), Nyborg, W.L. and Ziskin, M.C., eds; Churchill Livingstone Inc., New York, Chapter 11.
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	Hill, C.R., "Ultrasonic Exposure Thresholds for Changes in Cells and Tissues", <i>JASA</i> (1972), 52(2): 667-672.
	Howkins, S.D., "Diffusion Rates and the Effect of Ultrasound", <i>Ultrasonics</i> (1969), 129-130.
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Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)	Docket No.: <b>41482-205543</b>	Application No.: <b>09/980,329</b>
	Applicant: <b>Winder et al.</b>	
	Filing Date: <b>March 5, 2002</b>	Group Art Unit: <b>3737</b>

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		Filing Date: March 5, 2002	Group Art Unit: 3737
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